

FIG. 1

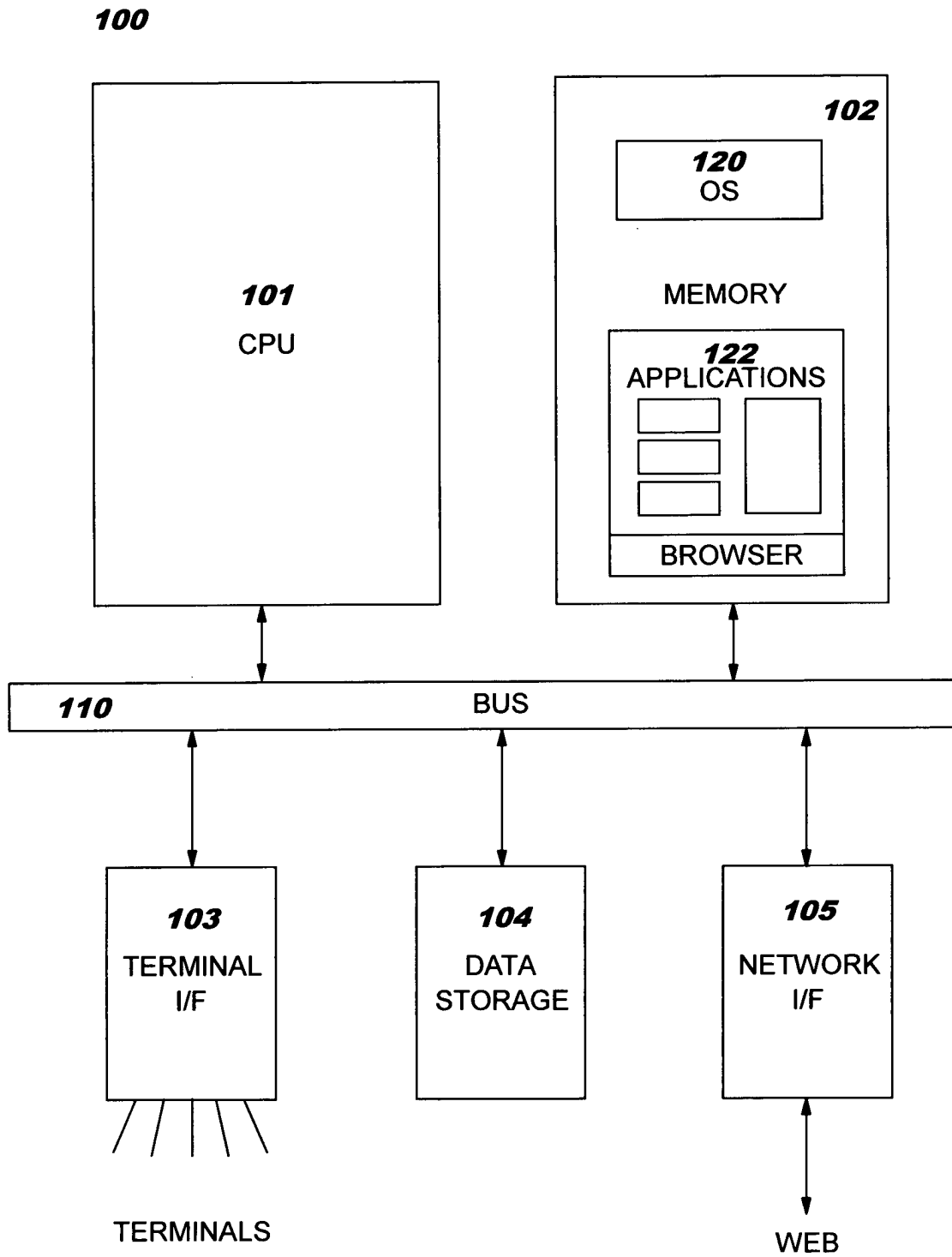


FIG. 2

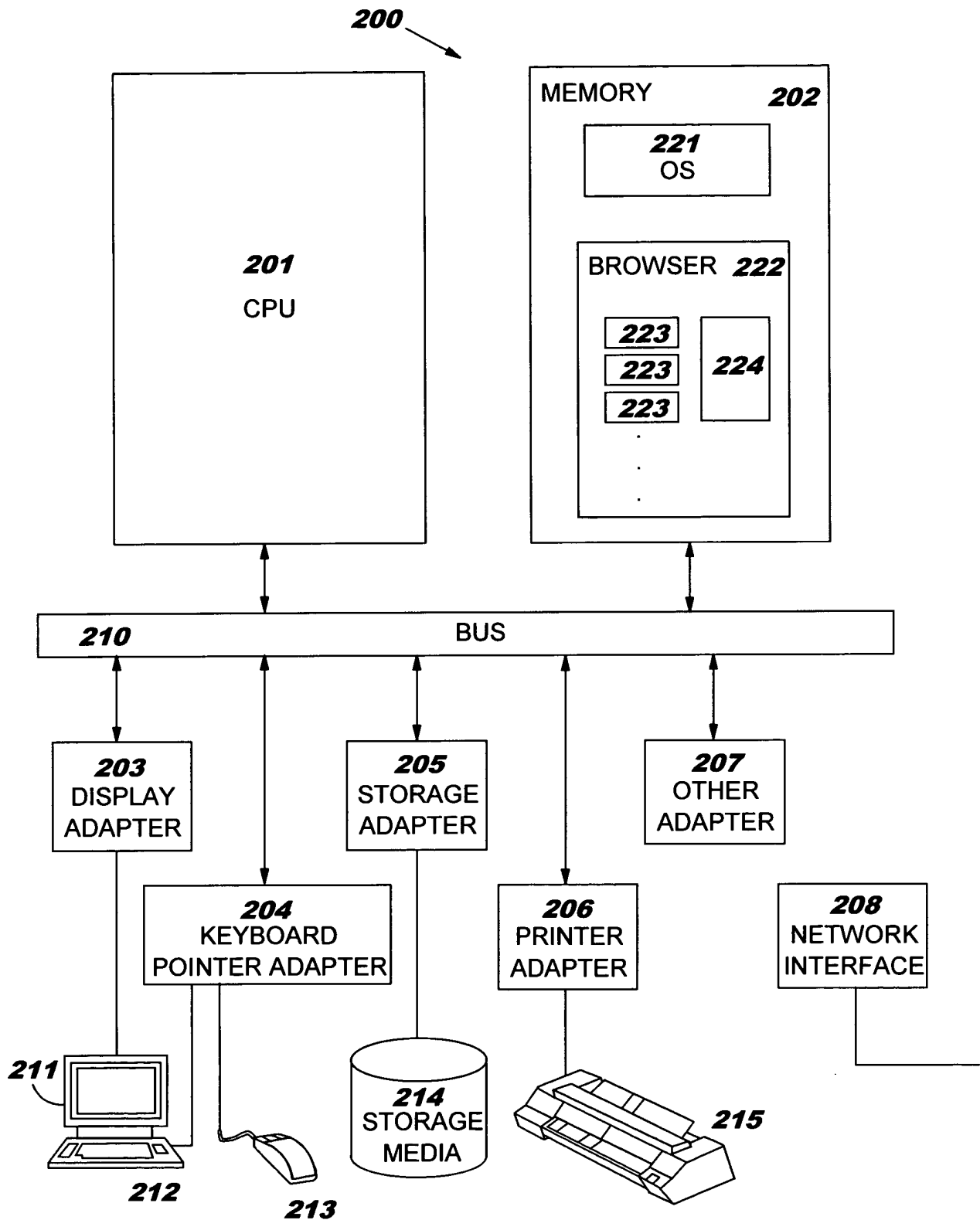


FIG. 3

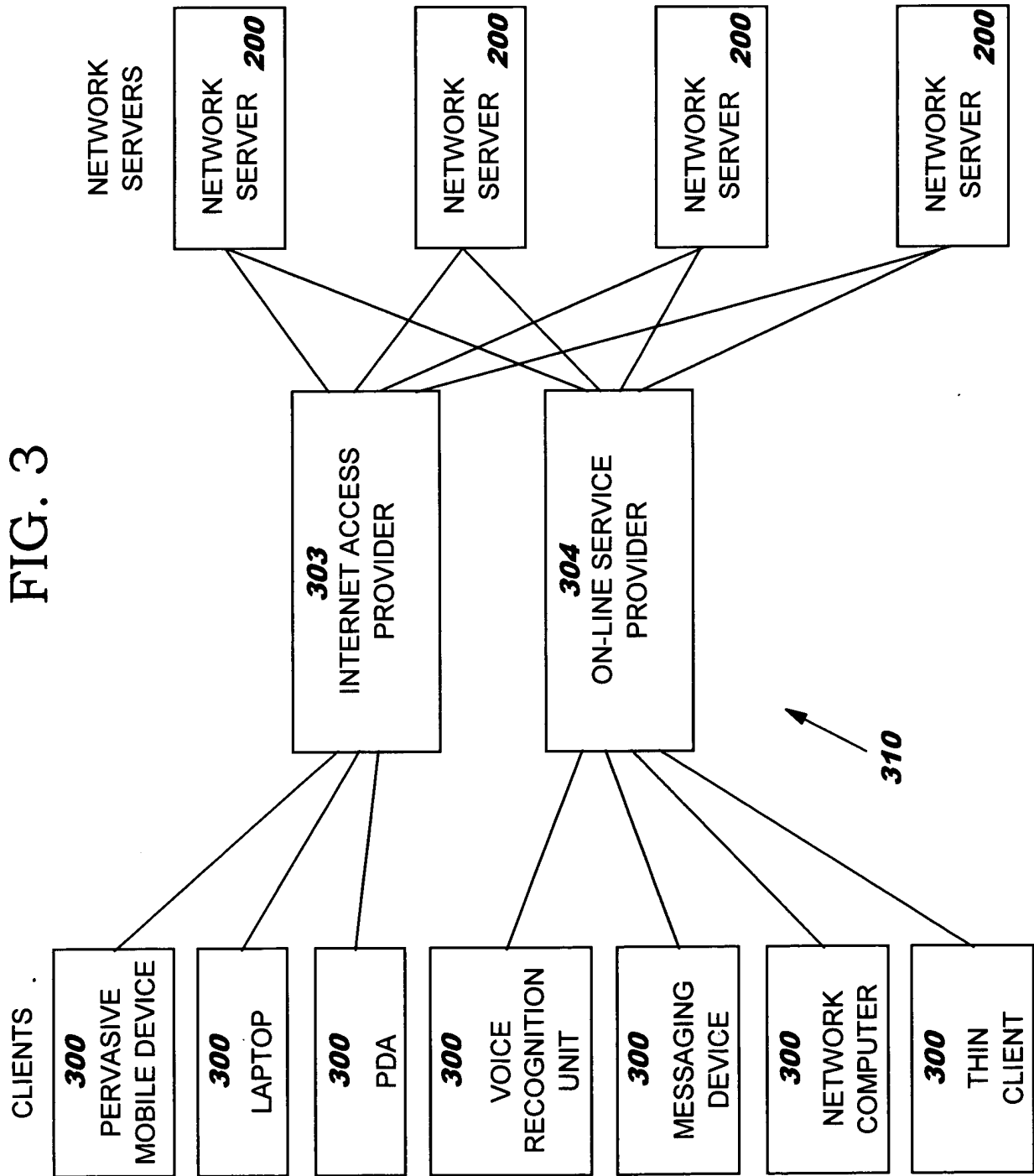


FIG. 4
Prior Art

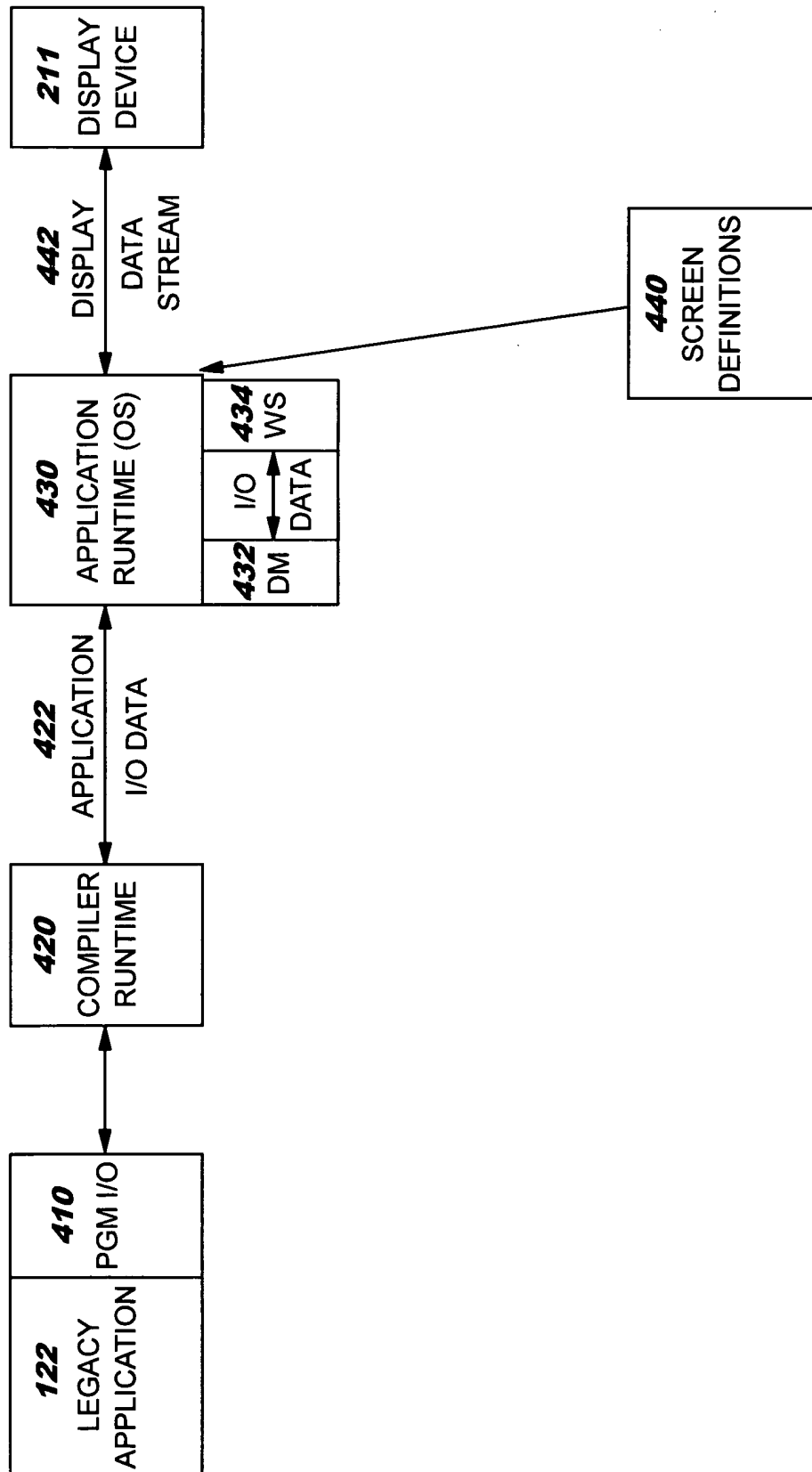


FIG. 5

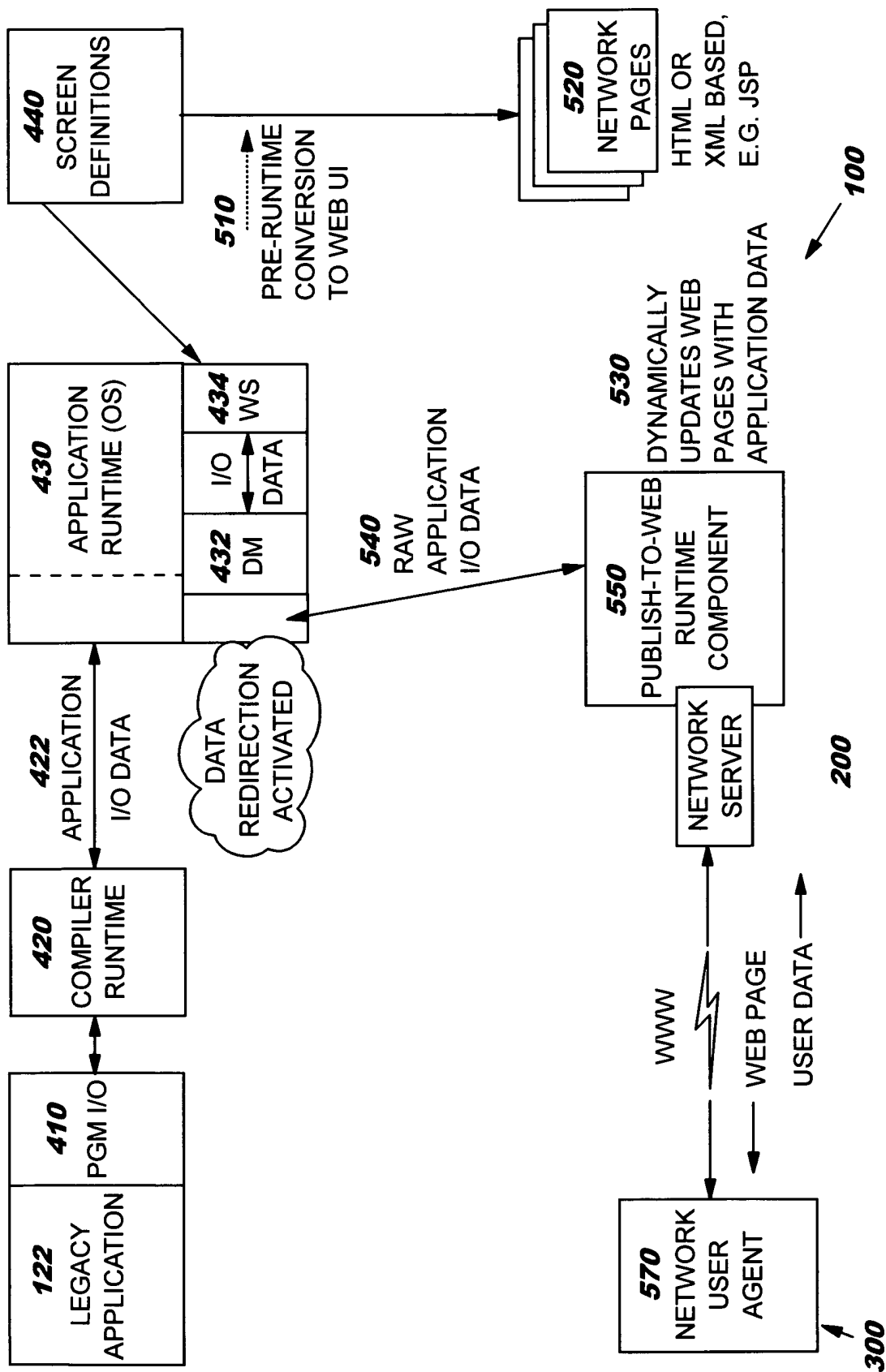


FIG. 6

200

SERVER PROCESS

- 614**
INVOCATION:
START APPLICATION PROCESS
- PGM TO CALL
 - PGM PARAMETERS
 - SOCKET PORT

- 616**
SECONDARY
THREAD
- CREATE SOCKET
 - 642A WAIT FOR CONNECTION
 - 642B WAIT ON READ FOR DATA FROM LEGACY
 - 642C WRITE INPUT DATE

HTTP
REQUEST

612

NETWORK
USER
AGENT

HTTP
RSP

570

652
JSPs

JSPs FROM CONVERSATION
OF LEGACY UI DEFINITIONS
(ONE JSP FOR EACH UI
RECORD)
CONTAINING
APPLICATION OUTPUT
DATA AND JSP NAME
FROM READ

APPLICATION PROCESS

- 660**
APPLICATION
INVOKER
- CREATE SOCKET
 - CONNECT
 - DISCONNECT
 - PUT SOCKET
 - DESCRIPTOR IN ENV VARIABLE
 - ACTIVATE
 - REDIRECTION
 - CALL LEGACY PROGRAM

122
LEGACY
APPLICATION
WITH SCREEN
I/O

OS

420
COMPILER
RUNTIME

430
APPLICATION
RUNTIME
COMPONENT

- 632**
I/O BUFFERS
- 640A WRITE OUTPUT DATA
 - 640B WAIT ON READ FOR DATA FROM CLIENT

PUBLISH-TO-WEB
RUNTIME INTERFACE:
WRITE_DATA
READ_DATA

300